

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Claims 1-6. (canceled).

7. (original) An ignition coil for an engine comprising:
a rod-shaped core;
a primary coil and a secondary coil wound on an outer circumference of the core;
a primary spool having the primary coil wound thereon, and a secondary spool having the secondary coil wound thereon;
an outer core arranged around the outer circumferences of the primary coil and the secondary coil;
a resin insulator filled around the core; and
an angled member covering the inner circumference corner of a longitudinal end portion of the outer core.

8. (original) The ignition coil of claim 7, wherein:
the angled member covers the inner circumference corner of the longitudinal end which is positioned at a high voltage side of the secondary coil.

9. (original) The ignition coil of claim 7, wherein:
the angled member covers the inner circumference corner of the end which is positioned at the low voltage side of the secondary coil.

10. (original) The ignition coil of claim 9, wherein:
the primary spool is arranged around the outer circumference of the secondary coil; and

angled member is mounted in a fitting member formed in the primary spool.

11. (original) The ignition coil of claim 7, wherein:
the angled member covers the inner circumference corner of the end portion in an L-shaped section assembled with the outer core.

12. (original) The ignition coil of claim 7, wherein:
end portions located at the low voltage side of the secondary coil of the primary spool and the secondary spool which is arranged at the outer circumference side is extended longer in the longitudinal direction than an end portion of the outer core.

13. (original) The ignition coil of claim 12, wherein
the primary spool is arranged around the outer circumference of the secondary spool.

14. (original) An ignition coil for an engine comprising:
a rod-shaped core;
a primary coil and a secondary coil wound on an outer circumference of the core;
a primary spool having the primary coil wound thereon, and a secondary spool having the secondary coil wound thereon;
an outer core arranged around the outer circumferences of the primary coil and the secondary coil; and
a resin insulator filled around the core,
wherein at least of the primary spool and the secondary spool has a flange formed at a longitudinal end portion thereof and extending radially to cover the longitudinal end portion of the outer core.

15. (original) The ignition coil of claim 14, wherein:

the primary spool is arranged around an outer circumference of the secondary spool, and

the flange is formed in the primary spool at the low voltage side of the secondary coil.

Claims 16-44. (canceled).

45. (new) An ignition coil for an engine comprising:

a rod-shaped core;

a primary coil and a secondary coil wound on an outer circumference of the core;

a primary spool having the primary coil wound thereon, and a secondary spool having the secondary coil wound thereon, the primary spool being disposed radially outside the secondary spool and having a fitting member;

an outer core arranged radially outside the primary coil and the secondary coil;

a resin insulator filled between the cores; and

an elastic member fit with a longitudinal end portion of the outer core positioned at a low voltage side of the secondary coil and attached to the fitting member.

46. (new) The ignition coil of claim 45, wherein:

the elastic member covers an inner circumference angled corner of the longitudinal end portion which is positioned at a high voltage side of the secondary coil.

47. (new) The ignition coil of claim 45, wherein:

the primary spool has a flange at a longitudinal end portion positioned at a low voltage side of the secondary coil; and

the fitting member is an annular groove that is formed in the flange to fit with the elastic member.

48. (new) An ignition coil for an engine comprising:

a rod-shaped core;
a primary coil and a secondary coil wound on an outer circumference of the core;
a primary spool having the primary coil wound thereon, and a secondary spool having the secondary coil wound thereon;
an outer core arranged radially outside the primary coil and the secondary coil;
a resin insulator filled between the cores; and
an angled member made of an elastic material and covering an inner circumference angle corner of a longitudinal end portion of the outer core,
wherein the primary spool is disposed radially outside the secondary spool and has a fitting member; and
wherein the angled member is fit with the fitting member of the primary spool.

49. (new) The ignition coil of claim 48, wherein:
the primary spool has a flange at a longitudinal end portion positioned at a low voltage side of the secondary coil; and
the fitting member is an annular groove that is formed in the flange to fit with the angled member.

50. (new) The ignition coil of claim 48, wherein:
the angled member covers the inner circumference angle corner of the end portion in an L-shape in section while being assembled with the outer core.